

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	"20030083685"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 20:30
L2	1	"7041068".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 20:33
L6	1	"7025774".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 20:49
L7	1	"7025774".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 20:52
L8	289	("6579690" "6582573" "6595919" "6604050" "6607494" "6638772" "6645142" "6645219" "6650915" "6671527" "6706049" "6706159" "6721586" "6723046" "6743635" "6749618" "6764496" "6780647" "6787109" "6808499" "6811406" "6849052" "6869418" "6872200" "6875208" "6875223" "6875613" "6878120" "6878251" "6878255" "6878262" "6880968" "6881203" "6881322" "6881378" "6881541" "6881550" "6881551" "6881578" "6882940" "6884592" "6885196" "6885883" "6887239" "6887253" "6887426" "6887709" "6889069" "6890319" "6890421" "6890484" "6891936" "6892085" "6893396" "6893545" "6893552" "6895263" "6895264" "6895265" "6896793" "6897788" "6902905" "6904301" "6905733" "6908008" "6908535" "6908591" "6908593" "6911130" "6911131" "6911621" "6916410" "6918901" "6918918" "6922576" "6922578"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 21:48

"6923764"	"6923894"
"6923936"	"6924093"
"6925317"	"6925393"
"6929649"	"6929650"
"6931327"	"6931328"
"6939310"	"6939312"
"6939450"	"6940591"
"6942518"	"6942769"
"6942770"	"6944486"
"6945943"	"6946067"
"6946098"	"6946299"
"6949111"	"6949221"
"6951631"	"6951728"
"6952603"	"6952604"
"6953693"	"6954662"
"6958072"	"6958129"
"6958809"	"6959211"
"6959247"	"6960287"
"6960289"	"6964871"
"6965791"	"6966880"
"6966977"	"6967105"
"6968375"	"6969359"
"6969450"	"6969451"
"6973706"	"6975893"
"6977032"	"6979544"
"6979571"	"6982027"
"6982431"	"6983177"
"6983179"	"6984307"
"6986777"	"6986869"
"6988996"	"6989243"
"6989891"	"6990365"
"6990366"	"6990367"
"6990849"	"6991918"
"6991940"	"6994825"
"6997317"	"6997343"
"6997344"	"6997936"
"6998247"	"6998248"
"6999810"	"7001343"
"7001344"	"7003337"
"7003340"	"7003341"
"7004928"	"7005048"
"7005273"	"7005459"
"7005857"	"7006857"
"7006858"	"7008384"
"7010432"	"7011630"
"7011954"	"7014615"
"7015262"	"7016713"
"7018568"	"7018848"
"7022217"	"7022218"
"7022286"	"7024236"
"7024248"	"7024399"
"7025425"	"7025774"
"7027848"	"7029444"
"7033322"	"7033371"
"7039560"	"7041057"
"7041063"	"7041068"

"7041254"	"7041468"
"7043287"	"7044911"
"7045054"	"7045097"
"7045310"	"7045361"
"7047070"	"7047795"
"7049130"	"7050843"
"7051495"	"7052268"
"7052591"	"7052652"
"7052864"	"7054682"
"7054759"	"7056425"
"7056495"	"7058437"
"7060059"	"7060192"
"7061593"	"7063234"
"7063774"	"7063775"
"7063776"	"7066884"
"7066885"	"7070564"
"7070680"	"7073246"
"7074307"	"7074308"
"7077328"	"7077828"
"7078480"	"7081188"
"7083712"	"7086277"
"7087149"	"7090764"
"7096053"	"7096124"
"7097631"	"7098038"
"7103578"	"7105066"
"7107253"	"7108680"
"7108778"	"7109271"
"7110112"	"7110803"
"7112265"	"7112451"
"7115362"	"7118351"
"7118667"	"7118668"
"7118916"	"7118919"
"7120483"	"7122102"
"7122110"	"7122111"
"7125481"	"7129038"
"7131342"	"7131984"
"7132041"	"7133710"
"7134999"	"7135100"
"7137957"	"7138041"
"7138089"	"7141058"
"7144404"	"7144485"
"7144495"	"7144496"
"7147825"	"7150755"
"7150975"	"7150995"
"7153696"	"7155371"
"7160251"	"7160313"
"7160678"	"7163616"
"7166074"	"7167734"
"7167818"	"7225535"
"7226461"	"7344507"
"7713214")	.PN.

L9	200	("20050004437" "20050027181" "20050027211" "20050027562" "20050033341" "20050034983" "20050036020" "20050036146" "20050036906" "20050036909" "20050037482" "20050038329" "20050038330" "20050038463" "20050038464" "20050038465" "20050038674" "20050042766" "20050043894" "20050043965" "20050045476" "20050049473" "20050050859" "20050054082" "20050059895" "20050060194" "20050067280" "20050067737" "20050070771" "20050070819" "20050070945" "20050072670" "20050077176" "20050077584" "20050079542" "20050080652" "20050085839" "20050085840" "20050086083" "20050090754" "20050090850" "20050096520" "20050096565" "20050096586" "20050096587" "20050096686" "20050098431" "20050098432" "20050098433" "20050098434" "20050100880" "20050101841" "20050101979" "20050101980" "20050101981" "20050103624"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 21:55
----	-----	---	---------------------------	----	----	---------------------

"20050106713" |
"20050109637" |
"20050112782" |
"20050113658" |
"20050113717" |
"20050114062" |
"20050114154" |
"20050114444" |
"20050118056" |
"20050123443" |
"20050123680" |
"20050124869" |
"20050125017" |
"20050125018" |
"20050125019" |
"20050126929" |
"20050130248" |
"20050130249" |
"20050130292" |
"20050131286" |
"20050131441" |
"20050133368" |
"20050136471" |
"20050136501" |
"20050136529" |
"20050136550" |
"20050137531" |
"20050137536" |
"20050143675" |
"20050143713" |
"20050143771" |
"20050145490" |
"20050145491" |
"20050145520" |
"20050149088" |
"20050149089" |
"20050150762" |
"20050150763" |
"20050154277" |
"20050154374" |
"20050154410" |
"20050154616" |
"20050158850" |
"20050159656" |
"20050159768" |
"20050164322" |
"20050164329" |
"20050165285" |
"20050165393" |
"20050165622" |
"20050169961" |
"20050170448" |
"20050171567" |
"20050172021" |
"20050172022" |
"20050173245" |

"20050173246" |
"20050175509" |
"20050176084" |
"20050176133" |
"20050177071" |
"20050177201" |
"20050177398" |
"20050178218" |
"20050181010" |
"20050181497" |
"20050182307" |
"20050187439" |
"20050187444" |
"20050192488" |
"20050196821" |
"20050197666" |
"20050199681" |
"20050201897" |
"20050202567" |
"20050203358" |
"20050203364" |
"20050204939" |
"20050205422" |
"20050205816" |
"20050209515" |
"20050209564" |
"20050209625" |
"20050211571" |
"20050211572" |
"20050214881" |
"20050214892" |
"20050215871" |
"20050215872" |
"20050215923" |
"20050215925" |
"20050216046" |
"20050218024" |
"20050221276" |
"20050221470" |
"20050222599" |
"20050227372" |
"20050228883" |
"20050230252" |
"20050230253" |
"20050232813" |
"20050232815" |
"20050234368" |
"20050234486" |
"20050234487" |
"20050234488" |
"20050234489" |
"20050234490" |
"20050234491" |
"20050234492" |
"20050234494" |
"20050234495" |

		"20050235060" "20050239154" "20050239156" "20050239194" "20050240090" "20050240119" "20050240207" "20050240778" "20050245798" "20050245843" "20050245844" "20050245845" "20050245846" "20050245954" "20050245955" "20050256534" "20050258035" "20050258036" "20050258050" "20050265094" "20050276133" "20050278945" "20050279631" "20050279647" "20050283094" "20050284110" "20050284757" "20050287620" "20050288242" "20050288637" "20050288698" "20050288699").pn.				
L10	67	("1733847" "2801633" "20010011157" "20010016682" "20020016606" "20020019748" "20020042594" "20020078091" "20020081559" "20020087056" "20020099308" "20020120261" "20020130042" "20020133377" "20020137998" "20020138040" "20030028125" "20030050537" "20030069753" "20030083685" "20030083686" "20030088160" "20030109860" "20030135333" "20030136189"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 21:55

		"20030139653" "20030149348" "20030159944" "20030163351" "20030178322" "20030199895" "20030212579" "20030225317" "20030229514" "20040009100" "20040019259" "20040039342" "20040039408" "20040049219" "20040049220" "20040050694" "20040087990" "20040092842" "20040092994" "20040092995" "20040098009" "20040102803" "20040106855" "20040107116" "20040116780" "20040117207" "20040117208" "20040117209" "20040117210" "20040127818" "20040137640" "20040193377" "20040199409" "20040202576" "20040219500" "20040220564" "20040236362" "20040249254" "20040256228" "20040267160".pn.				
L11	67	("1733847" "2801633" "20010011157" "20010016682" "20020016606" "20020019748" "20020042594" "20020078091" "20020081559" "20020087056" "20020099308" "20020120261" "20020130042" "20020133377" "20020137998" "20020138040" "20030028125"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 21:56

"20030050537" |
"20030069753" |
"20030083685" |
"20030083686" |
"20030088160" |
"20030109860" |
"20030135333" |
"20030136189" |
"20030139653" |
"20030149348" |
"20030159944" |
"20030163351" |
"20030178322" |
"20030199895" |
"20030212579" |
"20030225317" |
"20030229514" |
"20040009100" |
"20040019259" |
"20040039342" |
"20040039408" |
"20040049219" |
"20040049220" |
"20040050694" |
"20040087990" |
"20040092842" |
"20040092994" |
"20040092995" |
"20040098009" |
"20040102803" |
"20040106855" |
"20040107116" |
"20040116780" |
"20040117207" |
"20040117208" |
"20040117209" |
"20040117210" |
"20040127818" |
"20040137640" |
"20040193377" |
"20040199409" |
"20040202576" |
"20040219500" |
"20040220564" |
"20040236362" |
"20040249254" |
"20040256228" |
"20040267160").PN.

L12	200	("20050004437" "20050027181" "20050027211" "20050027562" "20050033341" "20050034983" "20050036020" "20050036146" "20050036906" "20050036909" "20050037482" "20050038329" "20050038330" "20050038463" "20050038464" "20050038465" "20050038674" "20050042766" "20050043894" "20050043965" "20050045476" "20050049473" "20050050859" "20050054082" "20050059895" "20050060194" "20050067280" "20050067737" "20050070771" "20050070819" "20050070945" "20050072670" "20050077176" "20050077584" "20050079542" "20050080652" "20050085839" "20050085840" "20050086083" "20050090754" "20050090850" "20050096520" "20050096565" "20050096586" "20050096587" "20050096686" "20050098431" "20050098432" "20050098433" "20050098434" "20050100880" "20050101841" "20050101979" "20050101980" "20050101981" "20050103624"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 21:57
-----	-----	---	---------------------------	----	----	---------------------

"20050106713" |
"20050109637" |
"20050112782" |
"20050113658" |
"20050113717" |
"20050114062" |
"20050114154" |
"20050114444" |
"20050118056" |
"20050123443" |
"20050123680" |
"20050124869" |
"20050125017" |
"20050125018" |
"20050125019" |
"20050126929" |
"20050130248" |
"20050130249" |
"20050130292" |
"20050131286" |
"20050131441" |
"20050133368" |
"20050136471" |
"20050136501" |
"20050136529" |
"20050136550" |
"20050137531" |
"20050137536" |
"20050143675" |
"20050143713" |
"20050143771" |
"20050145490" |
"20050145491" |
"20050145520" |
"20050149088" |
"20050149089" |
"20050150762" |
"20050150763" |
"20050154277" |
"20050154374" |
"20050154410" |
"20050154616" |
"20050158850" |
"20050159656" |
"20050159768" |
"20050164322" |
"20050164329" |
"20050165285" |
"20050165393" |
"20050165622" |
"20050169961" |
"20050170448" |
"20050171567" |
"20050172021" |
"20050172022" |
"20050173245" |

"20050173246" |
"20050175509" |
"20050176084" |
"20050176133" |
"20050177071" |
"20050177201" |
"20050177398" |
"20050178218" |
"20050181010" |
"20050181497" |
"20050182307" |
"20050187439" |
"20050187444" |
"20050192488" |
"20050196821" |
"20050197666" |
"20050199681" |
"20050201897" |
"20050202567" |
"20050203358" |
"20050203364" |
"20050204939" |
"20050205422" |
"20050205816" |
"20050209515" |
"20050209564" |
"20050209625" |
"20050211571" |
"20050211572" |
"20050214881" |
"20050214892" |
"20050215871" |
"20050215872" |
"20050215923" |
"20050215925" |
"20050216046" |
"20050218024" |
"20050221276" |
"20050221470" |
"20050222599" |
"20050227372" |
"20050228883" |
"20050230252" |
"20050230253" |
"20050232813" |
"20050232815" |
"20050234368" |
"20050234486" |
"20050234487" |
"20050234488" |
"20050234489" |
"20050234490" |
"20050234491" |
"20050234492" |
"20050234494" |
"20050234495" |

		"20050235060" "20050239154" "20050239156" "20050239194" "20050240090" "20050240119" "20050240207" "20050240778" "20050245798" "20050245843" "20050245844" "20050245845" "20050245846" "20050245954" "20050245955" "20050256534" "20050258035" "20050258036" "20050258050" "20050265094" "20050276133" "20050278945" "20050279631" "20050279647" "20050283094" "20050284110" "20050284757" "20050287620" "20050288242" "20050288637" "20050288698" "20050288699").FN.				
L13	159	("20060000549" "20060003398" "20060004270" "20060004271" "20060004272" "20060006574" "20060008389" "20060015129" "20060016698" "20060020228" "20060024774" "20060025662" "20060029979" "20060029991" "20060030028" "20060030788" "20060034728" "20060040333" "20060047220" "20060047294" "20060052723" "20060052724" "20060052809" "20060052810"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 21:58

"20060058827" |
"20060058828" |
"20060062852" |
"20060063988" |
"20060064035" |
"20060079739" |
"20060079810" |
"20060079811" |
"20060079920" |
"20060081469" |
"20060085020" |
"20060085137" |
"20060086624" |
"20060088945" |
"20060089566" |
"20060091006" |
"20060094944" |
"20060094947" |
"20060094986" |
"20060095061" |
"20060096859" |
"20060099107" |
"20060099703" |
"20060100542" |
"20060100543" |
"20060100654" |
"20060100655" |
"20060100656" |
"20060106373" |
"20060108236" |
"20060113187" |
"20060115857" |
"20060116562" |
"20060116704" |
"20060116705" |
"20060119362" |
"20060121547" |
"20060121625" |
"20060121759" |
"20060122099" |
"20060122536" |
"20060129065" |
"20060129172" |
"20060129173" |
"20060134713" |
"20060140457" |
"20060144704" |
"20060151323" |
"20060155215" |
"20060155316" |
"20060155317" |
"20060156796" |
"20060157362" |
"20060161078" |
"20060161194" |
"20060166302" |

"20060167382" |
"20060169599" |
"20060173254" |
"20060173255" |
"20060173379" |
"20060173478" |
"20060175216" |
"20060178573" |
"20060178599" |
"20060178600" |
"20060178686" |
"20060178687" |
"20060178688" |
"20060178689" |
"20060178690" |
"20060183871" |
"20060184101" |
"20060188395" |
"20060189895" |
"20060191787" |
"20060195023" |
"20060195047" |
"20060195128" |
"20060195129" |
"20060195130" |
"20060195131" |
"20060195132" |
"20060195133" |
"20060196031" |
"20060196795" |
"20060200044" |
"20060200045" |
"20060200046" |
"20060200181" |
"20060200981" |
"20060204399" |
"20060205029" |
"20060205060" |
"20060206135" |
"20060211127" |
"20060211927" |
"20060211931" |
"20060219551" |
"20060222567" |
"20060224171" |
"20060224172" |
"20060229532" |
"20060229533" |
"20060229651" |
"20060231396" |
"20060231418" |
"20060231442" |
"20060234369" |
"20060235284" |
"20060235454" |
"20060241517" |

		"20060241666" "20060241667" "20060241668" "20060241669" "20060247554" "20060247555" "20060247670" "20060247671" "20060259057" "20060259058" "20060259060" "20060264718" "20060264996" "20060264997" "20060271083" "20060271084" "20060276724" "20060277048" "20060278545" "20060282109" "20060286620" "20060287664" "20060293577").pn.				
L14	92	("20070004989" "20070004990" "20070007183" "20070009381" "20070010839" "20070010841" "20070015978" "20070016079" "20070016103" "20070016104" "20070038235" "20070129650" "20070142748" "20070173741" "20070276290" "20080047764" "20080194897" "3832776" "4338174" "4420564" "4590411" "4637393" "4661768" "4757022" "4758323" "4886499" "4924879" "4999582" "5019974" "5029583" "5041253" "5047044" "5059789" "5108889" "5178142" "5181910" "5181914" "5183042" "5216597" "5228972" "5251126" "5277181" "5312590" "5352351" "5371687" "5405511" "5409664" "5438271" "5507288"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 22:03

		"5508171" "5514152" "5540676" "5640954" "5676143" "5680858" "5709699" "5738244" "5741228" "5746898" "5770086" "5794219" "5807375" "5822715" "5828943" "5830219" "5832448" "5853373" "5868135" "5871494" "5879163" "5879310" "5885211" "5887133" "5893870" "5897493" "5899855" "5899915" "5913310" "5918603" "5933136" "5940153" "5942102" "5951300" "5951493" "5956501" "5960403" "5964718" "5971941" "5972715" "5974124" "5985559" "5997476").PN.				
L15	92	("20070004989" "20070004990" "20070007183" "20070009381" "20070010839" "20070010841" "20070015878" "20070016079" "20070016103" "20070016104" "20070038235" "20070129650" "20070142748" "20070173741" "20070276290" "20080047764" "20080194897" "3832776" "4338174" "4420564" "4590411" "4637393" "4661768" "4757022" "4758323" "4886499" "4924879" "4999582" "5019974" "5029583" "5041253" "5047044" "5059789" "5108889" "5178142" "5181910" "5181914" "5183042" "5216597" "5228972" "5251126" "5277181" "5312590" "5352351" "5371687" "5405511" "5409664" "5438271" "5507288" "5508171" "5514152"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 22:04

		"5540676" "5640954" "5676143" "5680858" "5709699" "5738244" "5741228" "5746898" "5770086" "5794219" "5807375" "5822715" "5828943" "5830219" "5832448" "5853373" "5868135" "5871494" "5879163" "5879310" "5885211" "5887133" "5893870" "5897493" "5899855" "5899915" "5913310" "5918603" "5933136" "5940153" "5942102" "5951300" "5951493" "5956501" "5960403" "5964718" "5971941" "5972715" "5974124" "5985559" "5997476").PN.				
L16	218	("6015392" "6023686" "6027459" "6032119" "6048352" "6056701" "6061128" "6066103" "6068615" "6071251" "6086545" "6093146" "6093156" "6101478" "6113578" "6122536" "6144837" "6151586" "6155267" "6161095" "6167362" "6167386" "6168563" "6171325" "6172743" "6177931" "6186145" "6210272" "6228100" "6233471" "6233539" "6240393" "6246992" "6248065" "6261519" "6270455" "6294897" "6302844" "6305804" "6315738" "6329161" "6330426" "6334778" "6349229" "6368273" "6375469" "6379969" "6381577" "6423014" "6464649" "6477394" "6477424" "6494830" "6503290" "6503381" "6537207" "6541266" "6553244" "6554381" "6558320" "6558402" "6560471" "6561978" "6562210" "6565509" "6575905" "6576117" "6579690" "6582573" "6595919"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 22:05

"6604050"	"6607494"
"6638772"	"6645142"
"6645219"	"6650915"
"6671527"	"6706049"
"6706159"	"6721586"
"6723046"	"6743635"
"6749618"	"6764496"
"6780647"	"6787109"
"6808499"	"6811406"
"6849052"	"6869418"
"6872200"	"6875208"
"6875223"	"6875613"
"6878120"	"6878251"
"6878255"	"6878262"
"6880968"	"6881203"
"6881322"	"6881378"
"6881541"	"6881550"
"6881551"	"6881578"
"6882940"	"6884592"
"6885196"	"6885883"
"6887239"	"6887253"
"6887426"	"6887709"
"6889069"	"6890319"
"6890421"	"6890484"
"6891936"	"6892085"
"6893396"	"6893545"
"6893552"	"6895263"
"6895264"	"6895265"
"6896793"	"6897788"
"6902905"	"6904301"
"6905733"	"6908008"
"6908535"	"6908591"
"6908593"	"6911130"
"6911131"	"6911621"
"6916410"	"6918901"
"6918918"	"6922576"
"6922578"	"6923764"
"6923894"	"6923936"
"6924093"	"6925317"
"6925393"	"6929649"
"6929650"	"6931327"
"6931328"	"6939310"
"6939312"	"6939450"
"6940591"	"6942518"
"6942769"	"6942770"
"6944486"	"6945943"
"6946067"	"6946098"
"6946299"	"6949111"
"6949221"	"6951631"
"6951728"	"6952603"
"6952604"	"6953693"
"6954662"	"6958072"
"6958129"	"6958809"
"6959211"	"6959247"
"6960287"	"6960289"
"6964871"	"6965791"

		"6966880" "6966977" "6967105" "6968375" "6969359" "6969450" "6969451" "6973706" "6975893" "6977032" "6979544" "6979571" "6982027" "6982431" "6983177" "6983179" "6984307" "6986777" "6986869" "6988996" "6989243" "6989891" "6990365" "6990366" "6990367" "6990849" "6991918" "6991940" "6994825" "6997317" "6997343" "6997344" "6997936" "6998247" "6998248" "699810") . PN.				
L17	142	("7001343" "7001344" "7003337" "7003340" "7003341" "7004928" "7005048" "7005273" "7005459" "7005857" "7006857" "7006858" "7008384" "7010432" "7011630" "7011954" "7014615" "7015262" "7016713" "7018568" "7018848" "7022217" "7022218" "7022286" "7024236" "7024248" "7024399" "7025425" "7025774" "7027848" "7029444" "7033322" "7033371" "7039560" "7041057" "7041063" "7041068" "7041254" "7041468" "7043287" "7044911" "7045054" "7045097" "7045310" "7045361" "7047070" "7047795" "7049130" "7050843" "7051495" "7052268" "7052591" "7052652" "7052864" "7054682" "7054759" "7056425" "7056495" "7058437" "7060059" "7060192" "7061593" "7063234" "7063774" "7063775" "7063776" "7066884" "7066885" "7070564" "7070680" "7073246" "7074307" "7074308" "7077328"	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 22:05

		"7077828" "7078480" "7081188" "7083712" "7086277" "7087149" "7090764" "7096053" "7096124" "7097631" "7098038" "7103578" "7105066" "7107253" "7108680" "7108778" "7109271" "7110112" "7110803" "7112265" "7112451" "7115362" "7118351" "7118667" "7118668" "7118916" "7118919" "7120483" "7122102" "7122110" "7122111" "7125481" "7129038" "7131342" "7131984" "7132041" "7133710" "7134999" "7135100" "7137957" "7138041" "7138089" "7141058" "7144404" "7144485" "7144495" "7144496" "7147825" "7150755" "7150975" "7150995" "7153696" "7155371" "7160251" "7160313" "7160678" "7163616" "7166074" "7167734" "7167818" "7225535" "7226461" "7344507" "7713214" "D523555" "D531725" "RE36191" "RE39390"). PN.				
L18	878	8 9 10 11 12 13 14 15 16 17	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/05 22:06
S1	1	"20060195128"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 13:32
S2	18	("2006/0195128").URPN.	USPAT	OR	ON	2010/04/11 13:35
S3	0	"200300836685"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 17:59
S4	9	"20030083685"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:00
S5	0	freeman.in. and @pd= "20030105"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:01
S6	7799	freeman.in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:01
S7	7	freeman.in. and @pd> "20030430" and @pd< "20030502"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:04

S8	1	"5971914".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:06
S9	1	"5971941".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:06
S10	1	"5029583".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 18:32
S11	10625	((ALDEN wuth DON) (BARROW-WILLIAMS with TIMOTHY DONALD) (DEAN with CHARLIE with MICHAEL) (HUGHES with MARTIN-LAWRENCE) (HUMPHRIES with MARK with ROBSON) (JENNINGS with DOUGLAS) (NEUDECK with THOMAS) (STEPHENSON with JOHN)).in. and penetrat \$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 19:45
S12	10895	((ALDEN wuth DON) (BARROW-WILLIAMS with TIMOTHY DONALD) (DEAN with CHARLIE with MICHAEL) (HUGHES with MARTIN-LAWRENCE) (HUMPHRIES with MARK with ROBSON) (JENNINGS with DOUGLAS) (NEUDECK with THOMAS) (STEPHENSON with JOHN)).in. and penetrat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 19:45
S13	1700	((ALDEN wuth DON) (BARROW-WILLIAMS with TIMOTHY DONALD) (DEAN with CHARLIE with MICHAEL) (HUGHES with MARTIN-LAWRENCE) (HUMPHRIES with MARK with ROBSON) (JENNINGS with DOUGLAS) (NEUDECK with THOMAS) (STEPHENSON with JOHN)).in. and penetrat \$4 and blood	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 19:48

S14	320	((ALDEN wuth DON) (BARROW-WILLIAMS with TIMOTHY DONALD) (DEAN with CHARLIE with MICHAEL) (HUGHES with MARTIN-LAWRENCE) (HUMPHRIES with MARK with ROBSON) (JENNINGS with DOUGLAS) (NEUDECK with THOMAS) (STEPHENSON with JOHN)).in. and penetrat \$4 and blood and tape	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 19:48
S15	153	S14 and @ad< "20021232"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 19:49
S16	51	(US-20060195128-\$ or US- 20030083686-\$ or US- 20030083685-\$ or US- 20030199911-\$ or US- 20030199910-\$ or US- 20030199909-\$ or US- 20030199908-\$ or US- 20030199907-\$ or US- 20030199906-\$ or US- 20030199905-\$ or US- 20030199904-\$ or US- 20030199903-\$ or US- 20030199902-\$ or US- 20030199901-\$ or US- 20030199900-\$ or US- 20030199899-\$ or US- 20030199898-\$ or US- 20030199897-\$ or US- 20030199896-\$ or US- 20030199895-\$ or US- 20030199791-\$ or US- 20030199790-\$ or US- 20030199789-\$ or US- 20040049219-\$ or US- 20030212424-\$).did. or (US-7648468-\$ or US- 7491178-\$ or US-7481776- \$ or US-7297151-\$ or US- 7344507-\$ or US-7582099- \$ or US-7410468-\$ or US- 7374544-\$ or US-7678127- \$ or US-7582063-\$ or US- 5971941-\$ or US-7674232- \$ or US-7547287-\$ or US- 7485128-\$ or US-7371247- \$ or US-7297122-\$ or US-	US-PGPUB; USPAT	OR	ON	2010/04/11 19:57

		7291117-\$ or US-7232451-\$ or US-7229458-\$ or US-7175642-\$ or US-7563232-\$ or US-7524293-\$ or US-7331931-\$ or US-7244265-\$ or US-7041068-\$ or US-7025774-\$).did.				
S17	48	S16 and @ad< "20021232"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 19:57
S18	41	S16 and @ad< "20021232" and ((tape band sheet strip) with (penetra\$4 needle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 20:01
S19	3	S16 and @ad< "20021231" and ((tape band sheet strip) with (penetra\$4 needle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 20:11
S20	9	S16 and @ad< "20021231" and ((tape band sheet strip belt) with (penetra\$4 needle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 20:13
S21	926	("20010017269" "20010027328" "20010031931" "20010054319" "20020002344" "20020004196" "20020025469" "20020029058" "20020040230" "20020042090" "20020044890" "20020052618" "20020053523" "20020057993" "20020076349" "20020078091" "20020081588" "20020082543" "20020084196" "20020087056" "20020092612" "20020103499" "20020120216"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 22:09

"20020130042" |
"20020136667" |
"20020136863" |
"20020137998" |
"20020148739" |
"20020160520" |
"20020161289" |
"20020168290" |
"20020176984" |
"20020177761" |
"20020188224" |
"20030018282" |
"20030018300" |
"20030028126" |
"20030050573" |
"20030050656" |
"20030060730" |
"20030073089" |
"20030073229" |
"20030073931" |
"20030083685" |
"20030083686" |
"20030088191" |
"20030089730" |
"20030093010" |
"20030100040" |
"20030106810" |
"20030109777" |
"20030111357" |
"20030113827" |
"20030116447" |
"20030135333" |
"20030143113" |
"20030144608" |
"20030144609" |
"20030146110" |
"20030149348" |
"20030149377" |
"20030153900" |
"20030191415" |
"20030195435" |
"20030195540" |
"20030199744" |
"20030199789" |
"20030199790" |
"20030199791" |
"20030199891" |
"20030199893" |
"20030199894" |
"20030199896" |
"20030199897" |
"20030199898" |
"20030199899" |
"20030199900" |
"20030199901" |
"20030199902" |

"20030199903" |
"20030199904" |
"20030199905" |
"20030199906" |
"20030199907" |
"20030199908" |
"20030199909" |
"20030199910" |
"20030199911" |
"20030199912" |
"20030201194" |
"20030203352" |
"20030206828" |
"20030208140").PN. OR
("20030212344" |
"20030212345" |
"20030212346" |
"20030212347" |
"20030212423" |
"20030212424" |
"20030216767" |
"20030217918" |
"20030220552" |
"20030220663" |
"20030223906" |
"20030225429" |
"20030225430" |
"20030228637" |
"20030232370" |
"20030233055" |
"20030233112" |
"20030233113" |
"20040006285" |
"20040007585" |
"20040009100" |
"20040010279" |
"20040015064" |
"20040019250" |
"20040026243" |
"20040030353" |
"20040031682" |
"20040034318" |
"20040038045" |
"20040039303" |
"20040039342" |
"20040039407" |
"20040039408" |
"20040049220" |
"20040054267" |
"20040054898" |
"20040059256" |
"20040060818" |
"20040061841" |
"20040064068" |
"20040092995" |
"20040096991" |

"20040098010" |
"20040102803" |
"20040106858" |
"20040106859" |
"20040106860" |
"20040106904" |
"20040106941" |
"20040115754" |
"20040115831" |
"20040116829" |
"20040122339" |
"20040127818" |
"20040127819" |
"20040127928" |
"20040127929" |
"20040132167" |
"20040133125" |
"20040133127" |
"20040138541" |
"20040138588" |
"20040138688" |
"20040146958" |
"20040154932" |
"20040157017" |
"20040157149" |
"20040157319" |
"20040157338" |
"20040157339" |
"20040158137" |
"20040158271" |
"20040161737" |
"20040162473" |
"20040162474" |
"20040162506" |
"20040162573" |
"20040167383" |
"20040171057" |
"20040171968" |
"20040172000" |
"20040173472" |
"20040173488" |
"20040176705" |
"20040176732" |
"20040178066" |
"20040178067" |
"20040178216" |
"20040180379" |
"20040182703" |
"20040185568" |
"20040186359" |
"20040186394").PN. OR
("20040186500" |
"20040193201" |
"20040194302" |
"20040197231" |
"20040197821" |

"20040199062" |
"20040200720" |
"20040200721" |
"20040202576" |
"20040204662" |
"20040206625" |
"20040206636" |
"20040206658" |
"20040209307" |
"20040209350" |
"20040209354" |
"20040210279" |
"20040211666" |
"20040214253" |
"20040215224" |
"20040215225" |
"20040216516" |
"20040217019" |
"20040219535" |
"20040220456" |
"20040220495" |
"20040220603" |
"20040222092" |
"20040224369" |
"20040225230" |
"20040225311" |
"20040225312" |
"20040230216" |
"20040231984" |
"20040232009" |
"20040236250" |
"20040236251" |
"20040236268" |
"20040236362" |
"20040238357" |
"20040238358" |
"20040238359" |
"20040241746" |
"20040242977" |
"20040243164" |
"20040243165" |
"20040245101" |
"20040248282" |
"20040248312" |
"20040249310" |
"20040249311" |
"20040249405" |
"20040249406" |
"20040251131" |
"20040253634" |
"20040254434" |
"20040254599" |
"20040256228" |
"20040256248" |
"20040256685" |
"20040258564" |

"20040260204" |
"20040260324" |
"20040260325" |
"20040260326" |
"20040260511" |
"20040267105" |
"20040267160" |
"20040267229" |
"20040267299" |
"20040267300" |
"20050000806" |
"20050000807" |
"20050000808" |
"20050003470" |
"20050004494" |
"20050008537" |
"20050008851" |
"20050009191" |
"20050010090" |
"20050010093" |
"20050010134" |
"20050010137" |
"20050010198" |
"20050011759" |
"20050013731" |
"20050014997" |
"20050015020" |
"20050016844" |
"20050019212" |
"20050019219" |
"20050019805" |
"20050019945").FN. OR
("20050019953" |
"20050021066" |
"2714890" | "3086288" |
"3208452" | "3358689" |
"3494358" | "3626929" |
"3673475" | "3742954" |
"3832776" | "3953172" |
"4077406" | "4154228" |
"4203446" | "4223674" |
"4224125" | "4230118" |
"4340669" | "4353984" |
"4356826" | "4360016" |
"4391905" | "4391906" |
"4414975" | "4426451" |
"4426884" | "4449529" |
"4462405" | "4469110" |
"4517978" | "4518384" |
"4535773" | "4539988" |
"4545382" | "4553541" |
"4577630" | "4580564" |
"4580565" | "4595479" |
"4608997" | "4615340" |
"4616649" | "4619754" |
"4622974" | "4624253" |

"4627445"	"4637403"
"4643189"	"4648408"
"4653511"	"4653513"
"4676244"	"4677979"
"4711245"	"4712548"
"4715374"	"4735203"
"4750489"	"4787398"
"4794926"	"4814142"
"4814661"	"4820010"
"4820399"	"4823806"
"4824639"	"4827763"
"4830959"	"4836904"
"4844095"	"4850973"
"4857274"	"4869249"
"4869265"	"4873993"
"4882013"	"4883068"
"4889529"	"4892097"
"4895147"	"4897173"
"4900424"	"4911794"
"4920977"	"4924879"
"4945045"	"4948727"
"4952515"	"4953552"
"4966671"	"4976724"
"4983178"	"4990154"
"4995402"	"5010772"
"5010774"	"5014718"
"5026388"	"5029583"
"5035704"	"5047044"
"5054499"	"5059789"
"5060174"	"5070886"
"5074872"	"5089112"
"5092842"	"5097810"
"5100427"	"5100428"
"5104380"	"5104619"
"5108564"	"5116759"
"5120420"	"5122244"
"5126034"	"5128015"
"5128171"	"5133730"
"5139685"	"5141868")
PN. OR ("5145565"	
"5152775"	"5156611"
"5163442"	"5170364"
"5185256"	"5187100"
"5188118"	"5189751"
"5192415"	"5196025"
"5201324"	"5205920"
"5212879"	"5217480"
"5222504"	"5229282"
"5230866"	"5231993"
"5250066"	"5253656"
"5256998"	"5264103"
"5264105"	"5264106"
"5266179"	"5272087"
"5279294"	"5282822"
"5286362"	"5286364"
"5288636"	"5304192"

"5304193"	"5312590"
"5314441"	"5314442"
"5316012"	"5316229"
"5318583"	"5320607"
"5320808"	"5324302"
"5324303"	"5332479"
"5350392"	"5354287"
"5354447"	"5356420"
"5360410"	"5366469"
"5366470"	"5366609"
"5368047"	"5375397"
"5378628"	"5382346"
"5383885"	"5389534"
"5393903"	"5395387"
"5397334"	"5401376"
"5402798"	"5407545"
"5407554"	"5407818"
"5409583"	"5410059"
"5415169"	"5423847"
"5436161"	"5437999"
"5443701"	"5445920"
"5454828"	"5456875"
"5464418"	"5471102"
"5472427"	"5474084"
"5476474"	"5480387"
"5487748"	"5496453"
"5498542"	"5509410"
"5510266"	"5512159"
"5514152"	"5518006"
"5524636"	"5525511"
"5527333"	"5527334"
"5529074"	"5540709"
"5543326"	"5545174"
"5547702"	"5554166"
"5558834"	"5569286"
"5569287"	"5571132"
"5575403"	"5575895"
"5582697"	"5584846"
"5593852"	"5609749"
"5613978"	"5620579"
"5624537"	"5628764"
"5628765"	"5628890"
"5630986"	"5632410"
"5643306"	"5645555"
"5650062"	"5653863"
"5657760"	"5658444")
PN. OR ("5662127"	
"5662672"	"5680872"
"5682884"	"5683562"
"5695947"	"5700695"
"5705045"	"5708247"
"5709668"	"5710011"
"5714390"	"5720862"
"5720924"	"5723284"
"5727548"	"5730753"
"5733300"	"5738244"

"5741634"	"5746217"
"5755733"	"5758643"
"5759364"	"5762770"
"5770369"	"5772586"
"5772677"	"5773270"
"5776157"	"5776719"
"5782770"	"5782852"
"5788651"	"5788652"
"5795725"	"5795774"
"5797940"	"5797942"
"5798030"	"5798031"
"5800781"	"5801057"
"5810199"	"5820551"
"5823973"	"5824491"
"5830219"	"5840020"
"5840171"	"5846490"
"5849174"	"5854074"
"5855801"	"5857983"
"5860922"	"5863800"
"5866353"	"5868772"
"5869972"	"5871494"
"5872713"	"5873887"
"5876957"	"5879311"
"5879373"	"5880829"
"5882494"	"5885211"
"5891053"	"5900130"
"5906921"	"5916156"
"5916229"	"5916230"
"5921963"	"5922188"
"5935075"	"5938679"
"5951492"	"5951582"
"5951836"	"5954738"
"5958199"	"5965380"
"5968063"	"5971941"
"5972199"	"5983193"
"5985116"	"5993400"
"5997561"	"5997817"
"5997818"	"6001067"
"6020110"	"6022324"
"6022366"	"6027459"
"6030399"	"6030827"
"6033421"	"6033866"
"6036924"	"6048352"
"6060327"	"6063039"
"6066296"	"6067463"
"6071249"	"6071250"
"6071251"	"6071294"
"6074360"	"6077408"
"6080172"	"6083710"
"6086562"	"6090078"
"6093156"	"6103033"
"6107083"	"6117630"
"6120462"	"6120676")
FN. OR ("6121009"	
"6129823"	"6132449"
"6133837"	"6134461"

"6136013"	"6139562"
"6143164"	"6152942"
"6153069"	"6155992"
"6156051"	"6157442"
"6159424"	"6162611"
"6171325"	"6175752"
"6176865"	"6177000"
"6183489"	"6190612"
"6191852"	"6192891"
"6193673"	"6194900"
"6197257"	"6203504"
"6206841"	"6210420"
"6210421"	"6212417"
"6214804"	"6221238"
"6225078"	"6228100"
"6230501"	"6231531"
"6241862"	"6245060"
"6251260"	"6254831"
"6256533"	"6258229"
"6258254"	"6261241"
"6261245"	"6268161"
"6270637"	"6272359"
"6281006"	"6283926"
"6283982"	"6284478"
"6285448"	"6285454"
"6290683"	"6295506"
"6299757"	"6302855"
"6306104"	"6306152"
"6306347"	"6309535"
"6312612"	"6315738"
"6319210"	"6322574"
"6331163"	"6332871"
"6334363"	"6334856"
"6338790"	"6350273"
"6350451"	"6352514"
"6352523"	"6353753"
"6364889"	"6364890"
"6375627"	"6379301"
"6379317"	"6379324"
"6379969"	"6387709"
"6391005"	"6399394"
"6402701"	"6402704"
"6409740"	"6413410"
"6413411"	"6421633"
"6428664"	"6436256"
"6436721"	"6440645"
"6451040"	"6458258"
"6461496"	"6462162"
"6471903"	"6472220"
"6475436"	"6484046"
"6485439"	"6488891"
"6491709"	"6497845"
"6501404"	"6503210"
"6503231"	"6506168"
"6506575"	"6508785"
"6514270"	"6514460"

"6519241"	"6520326"
"6527778"	"6530892"
"6530937"	"6533949"
"6537242"	"6537292")
PN. OR ("6540672"	
"6540675"	"6540762"
"6540891"	"6547954"
"6549796"	"6551494"
"6555061"	"6558361"
"6558402"	"6558528"
"6561989"	"6565808"
"6569157"	"6571651"
"6572566"	"6574490"
"6576101"	"6576416"
"6587705"	"6589260"
"6589261"	"6591125"
"6592745"	"6599407"
"6599693"	"6602205"
"6602268"	"6602678"
"6607658"	"6616616"
"6616819"	"6618934"
"6620112"	"6623501"
"6626851"	"6635222"
"6641533"	"6645368"
"6652720"	"6656702"
"6659966"	"6660018"
"6671527"	"6679841"
"6679852"	"6706000"
"6706159"	"6706232"
"6713660"	"6719887"
"6719923"	"6723111"
"6723371"	"6723500"
"6726818"	"6733493"
"6736777"	"6740215"
"6743211"	"6745750"
"6749792"	"6751491"
"6752817"	"6759190"
"6764496"	"6764581"
"6767441"	"6773671"
"6776888"	"6780645"
"6780647"	"6783502"
"6783537"	"6784274"
"6786874"	"6787013"
"6787109"	"6790327"
"6790599"	"6792791"
"6793632"	"6793633"
"6793802"	"6797150"
"6800488"	"6801041"
"6801804"	"6802199"
"6802811"	"6802957"
"6805780"	"6808908"
"6808937"	"6809807"
"6811557"	"6811659"
"6811753"	"6811792"
"6812031"	"6814843"
"6814844"	"6814845"

		"6815186" "6816742" "6818180" "6821483" "6823750" "6825047" "6827250" "6827829" "6830551" "6830668" "6830669" "6833540" "6835184" "6835553" "6837858" "6837976" "6837988" "6840912" "6841052" "6843254" "6847451" "6849052"). PN. OR ("6849168" "6849216" "6850790" "8800781" "D332490" "D342573" "D362719" "D379516" "D392391" "D393716" "D393717" "D403975" "D411619" "D424696" "D426638" "RE32922" "RE35803" "RE36268" "RE36991"). PN.				
S22	926	("20010017269" "20010027328" "20010031931" "20010054319" "20020002344" "20020004196" "20020025469" "20020029058" "20020040230" "20020042090" "20020044890" "20020052618" "20020053523" "20020057993" "20020076349" "20020078091" "20020081588" "20020082543" "20020084196" "20020087056" "20020092612" "20020103499" "20020120216" "20020130042" "20020136667" "20020136863" "20020137998" "20020148739" "20020160520" "20020161289" "20020168290" "20020176984" "20020177761" "20020188224"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/11 22:10

"20030018282" |
"20030018300" |
"20030028126" |
"20030050573" |
"20030050656" |
"20030060730" |
"20030073089" |
"20030073229" |
"20030073931" |
"20030083685" |
"20030083686" |
"20030088191" |
"20030089730" |
"20030093010" |
"20030100040" |
"20030106810" |
"20030109777" |
"20030111357" |
"20030113827" |
"20030116447" |
"20030135333" |
"20030143113" |
"20030144608" |
"20030144609" |
"20030146110" |
"20030149348" |
"20030149377" |
"20030153900" |
"20030191415" |
"20030195435" |
"20030195540" |
"20030199744" |
"20030199789" |
"20030199790" |
"20030199791" |
"20030199891" |
"20030199893" |
"20030199894" |
"20030199896" |
"20030199897" |
"20030199898" |
"20030199899" |
"20030199900" |
"20030199901" |
"20030199902" |
"20030199903" |
"20030199904" |
"20030199905" |
"20030199906" |
"20030199907" |
"20030199908" |
"20030199909" |
"20030199910" |
"20030199911" |
"20030199912" |
"20030201194" |

"20030203352" |
"20030206828" |
"20030208140").PN. OR
("20030212344" |
"20030212345" |
"20030212346" |
"20030212347" |
"20030212423" |
"20030212424" |
"20030216767" |
"20030217918" |
"20030220552" |
"20030220663" |
"20030223906" |
"20030225429" |
"20030225430" |
"20030228637" |
"20030232370" |
"20030233055" |
"20030233112" |
"20030233113" |
"20040006285" |
"20040007585" |
"20040009100" |
"20040010279" |
"20040015064" |
"20040019250" |
"20040026243" |
"20040030353" |
"20040031682" |
"20040034318" |
"20040038045" |
"20040039303" |
"20040039342" |
"20040039407" |
"20040039408" |
"20040049220" |
"20040054267" |
"20040054898" |
"20040059256" |
"20040060818" |
"20040061841" |
"20040064068" |
"20040092995" |
"20040096991" |
"20040098010" |
"20040102803" |
"20040106858" |
"20040106859" |
"20040106860" |
"20040106904" |
"20040106941" |
"20040115754" |
"20040115831" |
"20040116829" |
"20040122339" |

"20040127818" |
"20040127819" |
"20040127928" |
"20040127929" |
"20040132167" |
"20040133125" |
"20040133127" |
"20040138541" |
"20040138588" |
"20040138688" |
"20040146958" |
"20040154932" |
"20040157017" |
"20040157149" |
"20040157319" |
"20040157338" |
"20040157339" |
"20040158137" |
"20040158271" |
"20040161737" |
"20040162473" |
"20040162474" |
"20040162506" |
"20040162573" |
"20040167383" |
"20040171057" |
"20040171968" |
"20040172000" |
"20040173472" |
"20040173488" |
"20040176705" |
"20040176732" |
"20040178066" |
"20040178067" |
"20040178216" |
"20040180379" |
"20040182703" |
"20040185568" |
"20040186359" |
"20040186394").PN. OR
("20040186500" |
"20040193201" |
"20040194302" |
"20040197231" |
"20040197821" |
"20040199062" |
"20040200720" |
"20040200721" |
"20040202576" |
"20040204662" |
"20040206625" |
"20040206636" |
"20040206658" |
"20040209307" |
"20040209350" |
"20040209354" |

"20040210279" |
"20040211666" |
"20040214253" |
"20040215224" |
"20040215225" |
"20040216516" |
"20040217019" |
"20040219535" |
"20040220456" |
"20040220495" |
"20040220603" |
"20040222092" |
"20040224369" |
"20040225230" |
"20040225311" |
"20040225312" |
"20040230216" |
"20040231984" |
"20040232009" |
"20040236250" |
"20040236251" |
"20040236268" |
"20040236362" |
"20040238357" |
"20040238358" |
"20040238359" |
"20040241746" |
"20040242977" |
"20040243164" |
"20040243165" |
"20040245101" |
"20040248282" |
"20040248312" |
"20040249310" |
"20040249311" |
"20040249405" |
"20040249406" |
"20040251131" |
"20040253634" |
"20040254434" |
"20040254599" |
"20040256228" |
"20040256248" |
"20040256685" |
"20040258564" |
"20040260204" |
"20040260324" |
"20040260325" |
"20040260326" |
"20040260511" |
"20040267105" |
"20040267160" |
"20040267229" |
"20040267299" |
"20040267300" |
"20050000806" |

"20050000807" |
 "20050000808" |
 "20050003470" |
 "20050004494" |
 "20050008537" |
 "20050008851" |
 "20050009191" |
 "20050010090" |
 "20050010093" |
 "20050010134" |
 "20050010137" |
 "20050010198" |
 "20050011759" |
 "20050013731" |
 "20050014997" |
 "20050015020" |
 "20050016844" |
 "20050019212" |
 "20050019219" |
 "20050019805" |
 "20050019945").PN. OR
 ("20050019953" |
 "20050021066" |
 "2714890" | "3086288" |
 "3208452" | "3358689" |
 "3494358" | "3626929" |
 "3673475" | "3742954" |
 "3832776" | "3953172" |
 "4077406" | "4154228" |
 "4203446" | "4223674" |
 "4224125" | "4230118" |
 "4340669" | "4353984" |
 "4356826" | "4360016" |
 "4391905" | "4391906" |
 "4414975" | "4426451" |
 "4426884" | "4449529" |
 "4462405" | "4469110" |
 "4517978" | "4518384" |
 "4535773" | "4539988" |
 "4545382" | "4553541" |
 "4577630" | "4580564" |
 "4580565" | "4595479" |
 "4608997" | "4615340" |
 "4616649" | "4619754" |
 "4622974" | "4624253" |
 "4627445" | "4637403" |
 "4643189" | "4648408" |
 "4653511" | "4653513" |
 "4676244" | "4677979" |
 "4711245" | "4712548" |
 "4715374" | "4735203" |
 "4750489" | "4787398" |
 "4794926" | "4814142" |
 "4814661" | "4820010" |
 "4820399" | "4823806" |
 "4824639" | "4827763" |

"4830959"	"4836904"
"4844095"	"4850973"
"4857274"	"4869249"
"4869265"	"4873993"
"4882013"	"4883068"
"4889529"	"4892097"
"4895147"	"4897173"
"4900424"	"4911794"
"4920977"	"4924879"
"4945045"	"4948727"
"4952515"	"4953552"
"4966671"	"4976724"
"4983178"	"4990154"
"4995402"	"5010772"
"5010774"	"5014718"
"5026388"	"5029583"
"5035704"	"5047044"
"5054499"	"5059789"
"5060174"	"5070886"
"5074872"	"5089112"
"5092842"	"5097810"
"5100427"	"5100428"
"5104380"	"5104619"
"5108564"	"5116759"
"5120420"	"5122244"
"5126034"	"5128015"
"5128171"	"5133730"
"5139685"	"5141868").
PN. OR ("5145565"	
"5152775"	"5156611"
"5163442"	"5170364"
"5185256"	"5187100"
"5188118"	"5189751"
"5192415"	"5196025"
"5201324"	"5205920"
"5212879"	"5217480"
"5222504"	"5229282"
"5230866"	"5231993"
"5250066"	"5253656"
"5256998"	"5264103"
"5264105"	"5264106"
"5266179"	"5272087"
"5279294"	"5282822"
"5286362"	"5286364"
"5288636"	"5304192"
"5304193"	"5312590"
"5314441"	"5314442"
"5316012"	"5316229"
"5318583"	"5320607"
"5320808"	"5324302"
"5324303"	"5332479"
"5350392"	"5354287"
"5354447"	"5356420"
"5360410"	"5366469"
"5366470"	"5366609"
"5368047"	"5375397"

"5378628"	"5382346"
"5383885"	"5389534"
"5393903"	"5395387"
"5397334"	"5401376"
"5402798"	"5407545"
"5407554"	"5407818"
"5409583"	"5410059"
"5415169"	"5423847"
"5436161"	"5437999"
"5443701"	"5445920"
"5454828"	"5456875"
"5464418"	"5471102"
"5472427"	"5474084"
"5476474"	"5480387"
"5487748"	"5496453"
"5498542"	"5509410"
"5510266"	"5512159"
"5514152"	"5518006"
"5524636"	"5525511"
"5527333"	"5527334"
"5529074"	"5540709"
"5543326"	"5545174"
"5547702"	"5554166"
"5558834"	"5569286"
"5569287"	"5571132"
"5575403"	"5575895"
"5582697"	"5584846"
"5593852"	"5609749"
"5613978"	"5620579"
"5624537"	"5628764"
"5628765"	"5628890"
"5630986"	"5632410"
"5643306"	"5645555"
"5650062"	"5653863"
"5657760"	"5658444"
PN. OR ("5662127"	
"5662672"	"5680872"
"5682884"	"5683562"
"5695947"	"5700695"
"5705045"	"5708247"
"5709668"	"5710011"
"5714390"	"5720862"
"5720924"	"5723284"
"5727548"	"5730753"
"5733300"	"5738244"
"5741634"	"5746217"
"5755733"	"5758643"
"5759364"	"5762770"
"5770369"	"5772586"
"5772677"	"5773270"
"5776157"	"5776719"
"5782770"	"5782852"
"5788651"	"5788652"
"5795725"	"5795774"
"5797940"	"5797942"
"5798030"	"5798031"

"5800781"	"5801057"
"5810199"	"5820551"
"5823973"	"5824491"
"5830219"	"5840020"
"5840171"	"5846490"
"5849174"	"5854074"
"5855801"	"5857983"
"5860922"	"5863800"
"5866353"	"5868772"
"5869972"	"5871494"
"5872713"	"5873887"
"5876957"	"5879311"
"5879373"	"5880829"
"5882494"	"5885211"
"5891053"	"5900130"
"5906921"	"5916156"
"5916229"	"5916230"
"5921963"	"5922188"
"5935075"	"5938679"
"5951492"	"5951582"
"5951836"	"5954738"
"5958199"	"5965380"
"5968063"	"5971941"
"5972199"	"5983193"
"5985116"	"5993400"
"5997561"	"5997817"
"5997818"	"6001067"
"6020110"	"6022324"
"6022366"	"6027459"
"6030399"	"6030827"
"6033421"	"6033866"
"6036924"	"6048352"
"6060327"	"6063039"
"6066296"	"6067463"
"6071249"	"6071250"
"6071251"	"6071294"
"6074360"	"6077408"
"6080172"	"6083710"
"6086562"	"6090078"
"6093156"	"6103033"
"6107083"	"6117630"
"6120462"	"6120676")
PN. OR ("6121009"	
"6129823"	"6132449"
"6133837"	"6134461"
"6136013"	"6139562"
"6143164"	"6152942"
"6153069"	"6155992"
"6156051"	"6157442"
"6159424"	"6162611"
"6171325"	"6175752"
"6176865"	"6177000"
"6183489"	"6190612"
"6191852"	"6192891"
"6193673"	"6194900"
"6197257"	"6203504"

"6206841"	"6210420"
"6210421"	"6212417"
"6214804"	"6221238"
"6225078"	"6228100"
"6230501"	"6231531"
"6241862"	"6245060"
"6251260"	"6254831"
"6256533"	"6258229"
"6258254"	"6261241"
"6261245"	"6268161"
"6270637"	"6272359"
"6281006"	"6283926"
"6283982"	"6284478"
"6285448"	"6285454"
"6290683"	"6295506"
"6299757"	"6302855"
"6306104"	"6306152"
"6306347"	"6309535"
"6312612"	"6315738"
"6319210"	"6322574"
"6331163"	"6332871"
"6334363"	"6334856"
"6338790"	"6350273"
"6350451"	"6352514"
"6352523"	"6353753"
"6364889"	"6364890"
"6375627"	"6379301"
"6379317"	"6379324"
"6379969"	"6387709"
"6391005"	"6399394"
"6402701"	"6402704"
"6409740"	"6413410"
"6413411"	"6421633"
"6428664"	"6436256"
"6436721"	"6440645"
"6451040"	"6458258"
"6461496"	"6462162"
"6471903"	"6472220"
"6475436"	"6484046"
"6485439"	"6488891"
"6491709"	"6497845"
"6501404"	"6503210"
"6503231"	"6506168"
"6506575"	"6508785"
"6514270"	"6514460"
"6519241"	"6520326"
"6527778"	"6530892"
"6530937"	"6533949"
"6537242"	"6537292".
PN. OR ("6540672"	
"6540675"	"6540762"
"6540891"	"6547954"
"6549796"	"6551494"
"6555061"	"6558361"
"6558402"	"6558528"
"6561989"	"6565808"

"6569157"	"6571651"
"6572566"	"6574490"
"6576101"	"6576416"
"6587705"	"6589260"
"6589261"	"6591125"
"6592745"	"6599407"
"6599693"	"6602205"
"6602268"	"6602678"
"6607658"	"6616616"
"6616819"	"6618934"
"6620112"	"6623501"
"6626851"	"6635222"
"6641533"	"6645368"
"6652720"	"6656702"
"6659966"	"6660018"
"6671527"	"6679841"
"6679852"	"6706000"
"6706159"	"6706232"
"6713660"	"6719887"
"6719923"	"6723111"
"6723371"	"6723500"
"6726818"	"6733493"
"6736777"	"6740215"
"6743211"	"6745750"
"6749792"	"6751491"
"6752817"	"6759190"
"6764496"	"6764581"
"6767441"	"6773671"
"6776888"	"6780645"
"6780647"	"6783502"
"6783537"	"6784274"
"6786874"	"6787013"
"6787109"	"6790327"
"6790599"	"6792791"
"6793632"	"6793633"
"6793802"	"6797150"
"6800488"	"6801041"
"6801804"	"6802199"
"6802811"	"6802957"
"6805780"	"6808908"
"6808937"	"6809807"
"6811557"	"6811659"
"6811753"	"6811792"
"6812031"	"6814843"
"6814844"	"6814845"
"6815186"	"6816742"
"6818180"	"6821483"
"6823750"	"6825047"
"6827250"	"6827829"
"6830551"	"6830668"
"6830669"	"6833540"
"6835184"	"6835553"
"6837858"	"6837976"
"6837988"	"6840912"
"6841052"	"6843254"
"6847451"	"6849052")

		PN. OR ("6849168" "6849216" "6850790" "8800781" "D332490" "D342573" "D362719" "D379516" "D392391" "D393716" "D393717" "D403975" "D411619" "D424696" "D426638" "RE32922" "RE35803" "RE36268" "RE36991"). PN.				
S23	104	S21 and @ad< "20021232" and ((tape band sheet strip belt) with (penetra\$4 needle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 22:17
S24	85	S21 and @ad< "20021231" and ((tape band sheet strip belt) with (penetra\$4 needle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 22:19
S25	45	(US-20060195128-\$ or US-20030199911-\$ or US-20030199910-\$ or US-20030199909-\$ or US-20030199908-\$ or US-20030199907-\$ or US-20030199906-\$ or US-20030199905-\$ or US-20030199904-\$ or US-20030199903-\$ or US-20030199902-\$ or US-20030199901-\$ or US-20030199900-\$ or US-20030199899-\$ or US-20030199898-\$ or US-20030199897-\$ or US-20030199896-\$ or US-20030199895-\$ or US-20030199791-\$ or US-20030199790-\$ or US-20030199789-\$).did. or (US-7648468-\$ or US-7491178-\$ or US-7481776-\$ or US-7297151-\$ or US-7344507-\$ or US-7582099-\$ or US-7410468-\$ or US-7374544-\$ or US-7678127-\$ or US-7674232-\$ or US-7547287-\$ or US-7485128-\$ or US-7371247-\$ or US-7297122-\$ or US-7291117-\$ or US-7232451-\$ or US-	US-PGPUB; USPAT	OR	ON	2010/04/11 22:25

		7229458-\$ or US-7175642-\$ or US-7563232-\$ or US-7524293-\$ or US-7331931-\$ or US-7244265-\$ or US-7041068-\$ or US-7025774-\$).did.				
S26	4	S25 and @ad<"20021231" and ((tape band sheet strip belt) with (penetra\$4 needle))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/11 22:25
S27	41	S25 not S26	US-PGPUB; USPAT	OR	ON	2010/04/11 22:26
S28	30072	((retainer holder cartridge) and (chamber room container) and (driver mover) and (movable mova\$3 displaceable displac\$3 advanceable advanc\$3) and (port opening window cut-out))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/07 23:49
S29	1119	((retainer holder cartridge) and (chamber room container) and (driver mover) and (movable mova\$3 displaceable displac\$3 advanceable advanc\$3) and (port opening window cut-out)) and "606"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/07 23:49

12/ 5/ 2010 10:07:43 PM

C:\Documents and Settings\VBui\My Documents\EAST\Workspaces\10541123.wsp